

What is Claimed is:

1. A rotation shaft support structure of a motor, comprising:

a shaft tube, having an inner wall provided with at least one bearing in which a rotation shaft may be rotated;

5 a seal member, made of metallic material and securely combined on
6 one end of the shaft tube; and

a support member, made of a wear resistant non-metallic material, in one end of the shaft tube, and supported by the seal member, the member having a resting portion which has a periphery provided with a wall, and one end of the rotation shaft being rested on the resting

12 2. The rotation shaft support structure of a motor as claimed in claim
13 1, wherein the seal member has a recess and has a periphery provided with an
14 annular wall, and the support member may be placed in the recess.

15 3. The rotation shaft support structure of a motor as claimed in claim
16 2, wherein the annular wall of the support member is formed by multiple
17 separable plates which may be bent and may be rested on the inner wall of the
18 seal member.

19 4. The rotation shaft support structure of a motor as claimed in claim
20 1, wherein the area circled by the annular wall of the support member is
21 slightly greater than the outer diameter of the rotation shaft.

22 5. The rotation shaft support structure of a motor as claimed in claim
23 1, wherein the support member is formed with a cup-shape or a bowl-shape.

24 6. The rotation shaft support structure of a motor as claimed in claim
25 1, wherein the support member is formed with an inverted hat-shape, and has a
26 resting portion and an annular lip.

1 7. The rotation shaft support structure of a motor as claimed in claim
2 2, wherein the annular lip of the support member is rested on the annular wall
3 of the seal member.